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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By: Deborah Barragan
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Appl. No.	:	10/563,655 Confirmation No. 3991
Applicant	:	J. Christopher Anderson, et al.
Filed	:	January 5, 2006
TC/A.U.	:	1652
Examiner	:	Gebreyesus, Kagnew, H.
Docket No.	:	54A-000410US
Customer No.	:	22798

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the restriction requirement of April 9, 2008, Applicants elect group II (claims 17-26) and the species of SEQ ID NO: 15, with traverse.

The basis for the alleged lack of unity is an argument that Thorbjarndottir et al. anticipates claim 1. Applicants respectfully submit that this argument is incorrect, and that claims 1-26 do, in fact, share unity of invention.

Thorbjarndottir et al. describe the cloning of an amber suppressor allele of the *E. coli leuX (supP)* gene. Significantly, *the Thorbjarndottir et al. tRNA gene is* ***not*** *orthogonal to the E. coli cell.* There simply is no orthogonal tRNA or RS in Thorbjarndottir et al. This is in sharp contrast to the *claimed* invention, in which the relevant tRNA and RS are *orthogonal* to the system (cell or composition) at issue.

Thus, for example, many express working examples of the invention are *orthogonal* in *E. coli.*, rather than being native or endemic to it, as are the tRNAs of Thorbjarndottir et al. (*i.e.*, the Thorbjarndottir tRNAs are from *E. coli* or bacteriophage).